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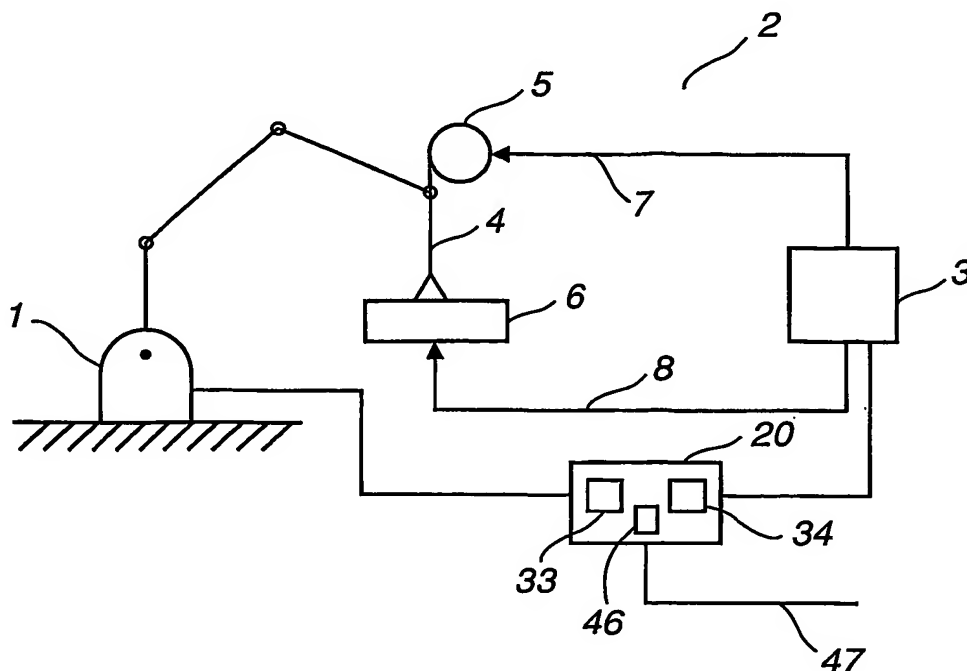
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(54) Title: WELDING PROCESS



(57) Abstract: An arc welding system comprising an electric circuit (2) including a power source (3), a welding torch (4) with a consumable welding wire (35), a workpiece (6) and a control system (20) comprising computer means (34) and memory means (35) and including means for tuning the arc welding system.

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